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(54) WATER-SOLUBLE PREPARATION CONTAINING CAROTENOID

(57)Abstract:

PURPOSE: To provide a water-soluble carotene preparation having high concentration and excellent storage stability, free from the problem of the precipitation of carotene crystal and useful as a coloring agent for foods, drinks, cosmetics, feeds, etc., and as a pharmaceutical agent such as provitamin A.

CONSTITUTION: The objective water-soluble carotene preparation having high concentration and excellent storage stability can be produced by adding about 1-2,000 pts.wt. (preferably about 4-100 pts.wt.) of an oil and fat such as essential oil and animal or vegetable oil to 1 pt.wt. of palm oil carotene, dissolving the carotene by stirring at about 50-150°C (preferably 90-130°C) for about 5-30min and emulsifying the obtained solution with a protective colloid, emulsifier, etc., by a conventional method.

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